



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jeffery J. Wheeler *et al.*

Application No.: 09/431,594

Filed: November 1, 1999

For: LIPID-NUCLEIC ACID  
PARTICLES PREPARED VIA  
HYDROPHOBIC LIPID-NUCLEIC  
ACID COMPLEX INTERMEDIATE  
AND USE FOR GENE TRANSFER

Confirmation No. 8936

Examiner: Jane J. Zara

Art Unit: 1635

*Declaration of Ian MacLachlan, Ph.D.  
Under 37 C.F.R. § 1.132*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Ian MacLachlan, Ph.D., state and declare as follows:

1. All statements herein made of my own knowledge are true, and statements made on information or belief are believed to be true and correct.

2. I hold a Ph.D. (1994) from the University of Alberta, and a Bachelor of Science degree (1988) from the University of Alberta. I am presently the Chief Scientific Officer for Protiva Biotherapeutics, Inc. (Burnaby, Canada).

3. My field of expertise is nucleic acid delivery and molecular gene therapy. I have authored over twenty-five publications in the field of nucleic acid delivery technology, molecular gene therapy and molecular genetics, and I am a member of the American Society of Gene Therapy and the Oligonucleotide Therapeutics Society.

4. Attached hereto as Exhibit A is a true copy of my *curriculum vitae* and a list of publications of which I am an author or co-author.

*Considered  
93  
3/7/06*



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016303-0024300

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Customer No.: 20350

Confirmation No. 8936

Examiner: Janet L. Epps

Art Unit: 1635

Declaration of Sean C. Semple, M.Sc.  
Under 37 C.F.R. § 1.132

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Sean C. Semple, M.Sc., state and declare as follows:

1. All statements herein made of my own knowledge are true, and statements made on information or belief are believed to be true and correct.

2. I am currently a Senior Scientist at Inex Pharmaceuticals Corporation (Burnaby, Canada), a biotechnology company whose primary focus is the development of cancer treatments that are based on its propriety drug delivery platform and that are more effective and have fewer side effects than conventional cancer treatments. I have been employed at Inex Pharmaceuticals Corporation since 1994. I have been a Senior Scientist at Inex Pharmaceuticals Corporation since 2001.

3. In 1991, I graduated from the University of British Columbia, with a Bachelor of Science, Honours degree in Biochemistry. In 1994, I was awarded my M. Sc. in Biochemistry and Molecular Biology from the University of British Columbia. My graduate studies were carried out under the direction of P.R. Cullis, a Professor in the Department of Biochemistry,

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Considered  
8/28  
3/7/06